

California Weather-Hydro Conditions during February 2014

As of February 28, statewide hydrologic conditions were as follows: precipitation, 40 percent of average to date; runoff, 25 percent of average to date; snow water equivalent, 20 percent of average for the date (20 percent of the April 1 average); and reservoir storage, 65 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2014, observed through February 28, 2014 was about 2.5 million acre-feet (MAF), which is about 30 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through February 28, 2013 was about 6.8 MAF, or about 84 percent of average.

On February 28, the Northern Sierra 8-Station Precipitation Index Water Year total was 15.2 inches, which is about 44 percent of the seasonal average to date and 30 percent of an average water year (50.0 inches). During February, the total precipitation for the 8-Stations was 10.7 inches, or about 134 percent of average for the month. Last year on February 28, the Water Year 2013 seasonal total for the 8-Stations was 35.3 inches, or about 102 percent of average.

On February 28, the San Joaquin 5-Station Precipitation Index Water Year total was 10.3 inches, which is about 37 percent of the seasonal average to date and 25 percent of an average water year (40.8 inches). During February, the total precipitation for the 5-Stations was 5.6 inches, or about 81 percent of average for the month. Last year on February 28, the Water Year 2013 seasonal total for the 5-Stations was 21.1 inches, or about 77 percent of average.

Selected Cities Precipitation Accumulation as of 02/28/2014 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2013 – 2014 (in inches)	% Avg	Jul 1 to Date 2012 – 2013 (in inches)	% Avg	% Avg “Water Year” Jul 1 to Jun 30 2013- 2014
Eureka	12.50	43	25.18	86	31
Redding	11.34	45	20.67	82	33
Sacramento	6.05	44	12.61	92	33
San Francisco	7.92	44	14.44	80	33
Fresno	3.37	43	4.86	62	29
Bakersfield	1.51	34	2.22	50	23
Los Angeles	3.83	38	5.78	58	30
San Diego	3.12	41	5.01	66	30

Key Reservoir Storage (1,000 AF) as of 02/28/2014								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,187	1,816	65	2,448	48	---	1,261
Shasta Lake	Sacramento	1,773	3,326	53	4,552	39	-2,480	2,779
Lake Oroville	Feather	1,407	2,466	57	3,538	40	-1,550	2,131
New Bullards Bar Res	Yuba	481	626	77	966	50	-315	485
Folsom Lake	American	305	543	56	977	31	-318	672
New Melones Res	Stanislaus	1,060	1,468	72	2,420	44	-910	1,360
Don Pedro Res	Tuolumne	1,058	1,442	73	2,030	52	-632	972
Lake McClure	Merced	216	534	41	1,025	21	-458	809
Millerton Lake	San Joaquin	167	341	49	520	32	-268	353
Pine Flat Res	Kings	190	530	36	1,000	19	-629	810
Isabella	Kern	60	184	33	568	11	-185	508
San Luis Res	(Offstream)	676	1,738	39	2,039	33	---	1,363

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for March 2014, issued February 28, 2014, suggests average rainfall for almost all of most of California, except the extreme southeastern portion of the State, where above average precipitation is indicated.